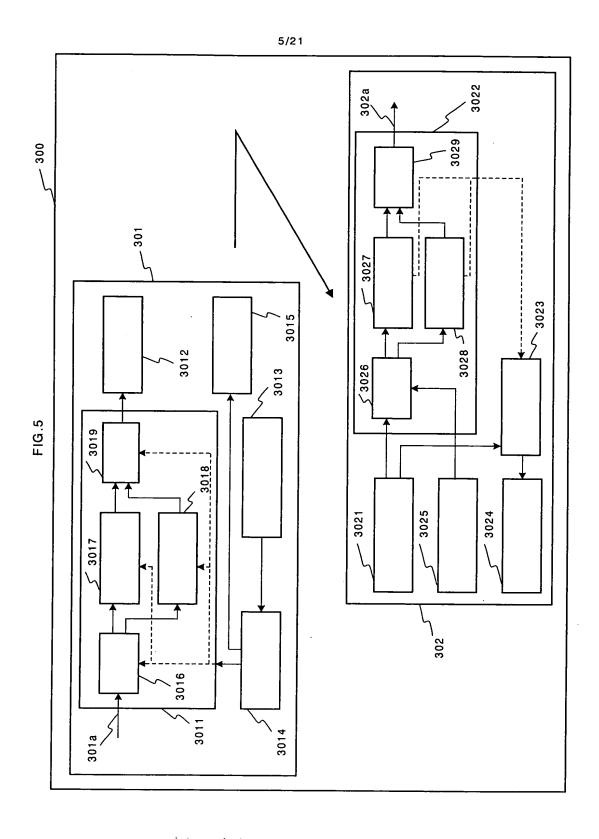
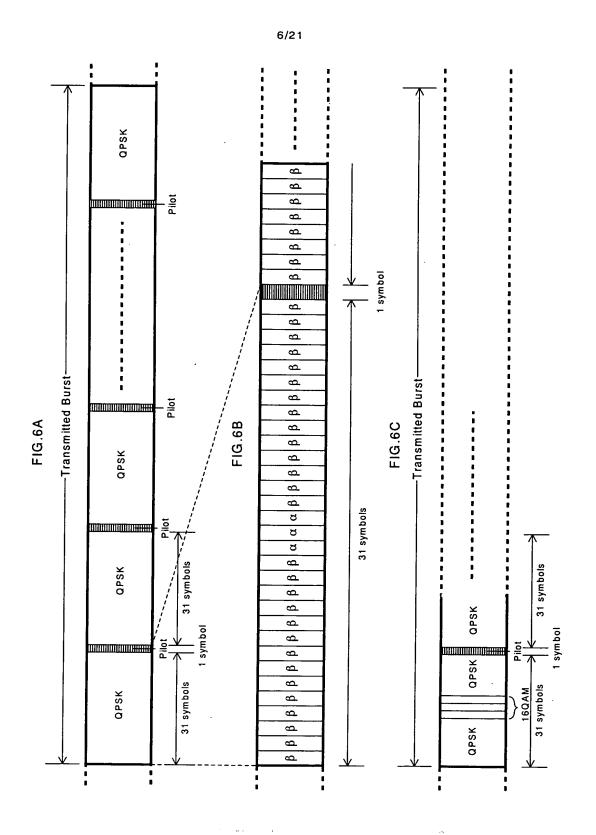
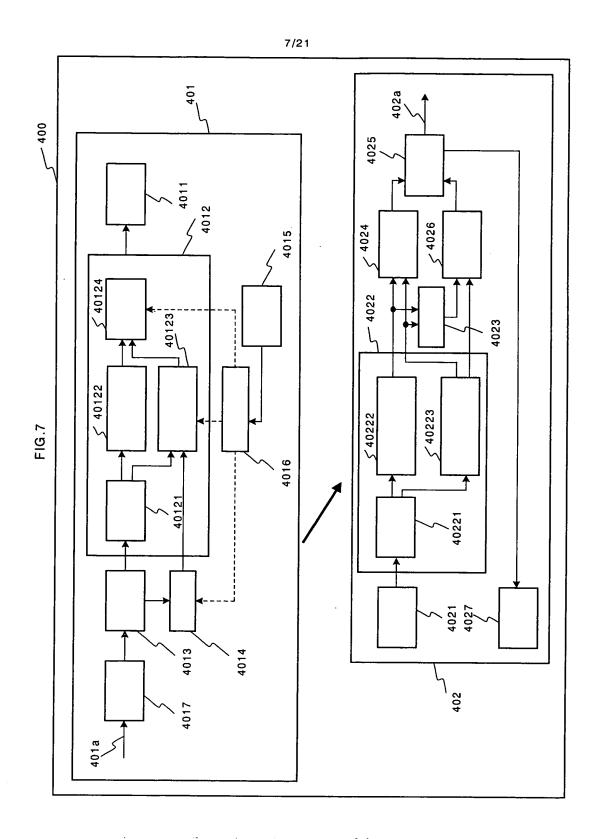
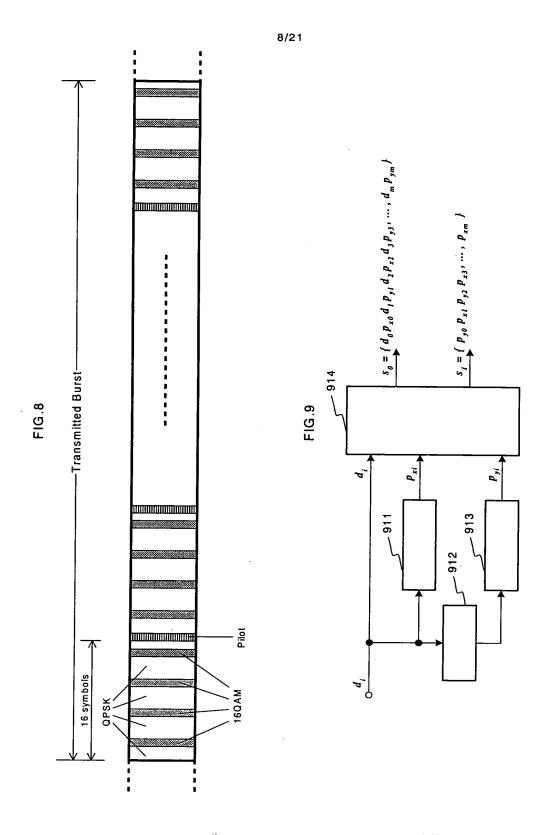


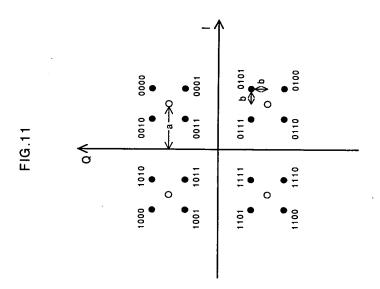
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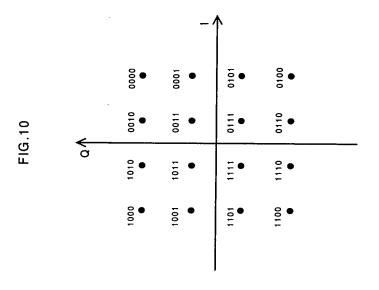


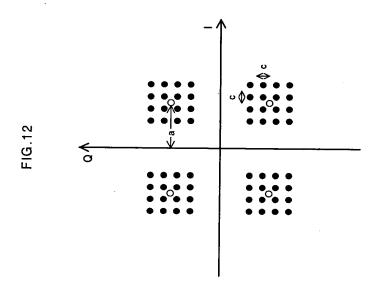


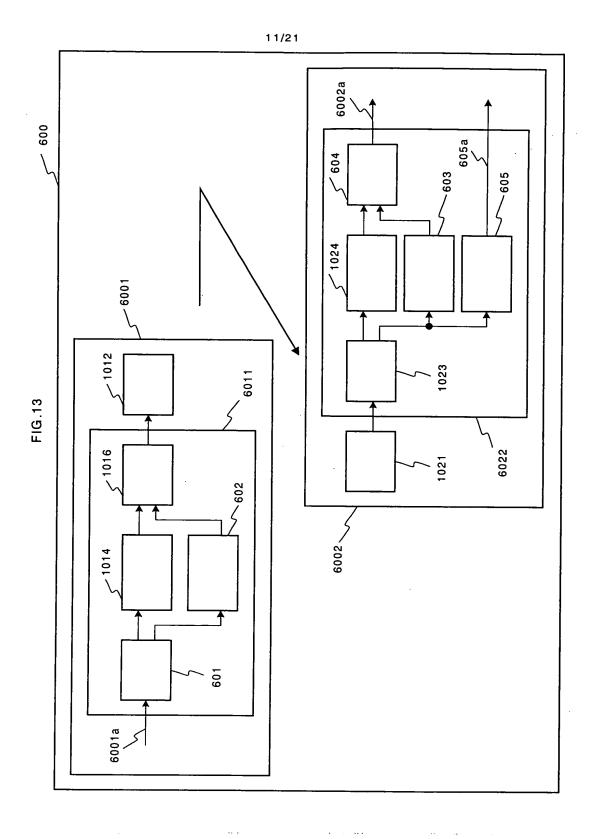


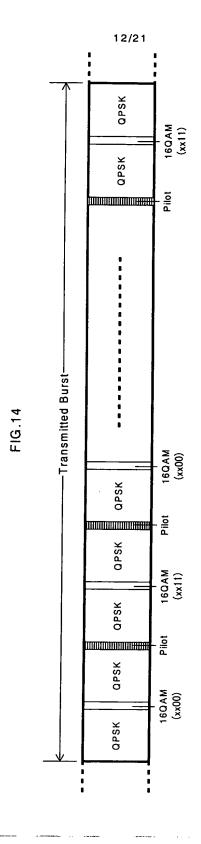




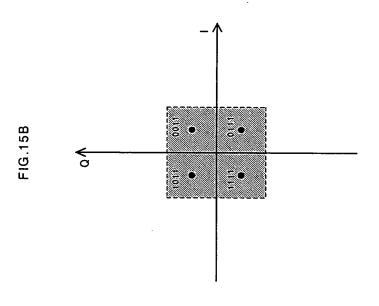


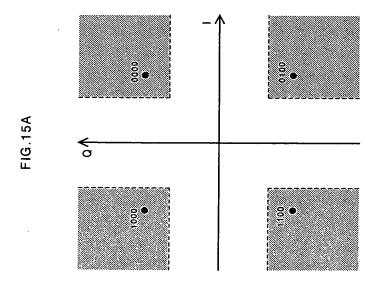




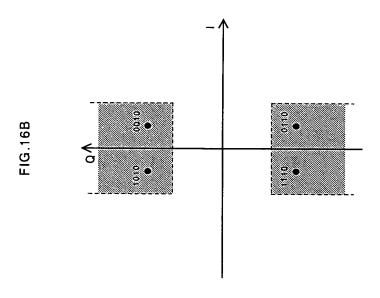


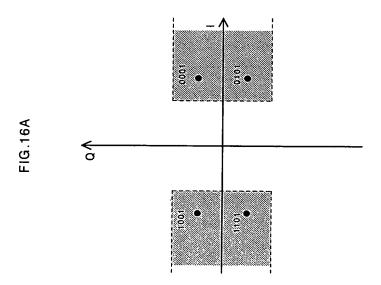
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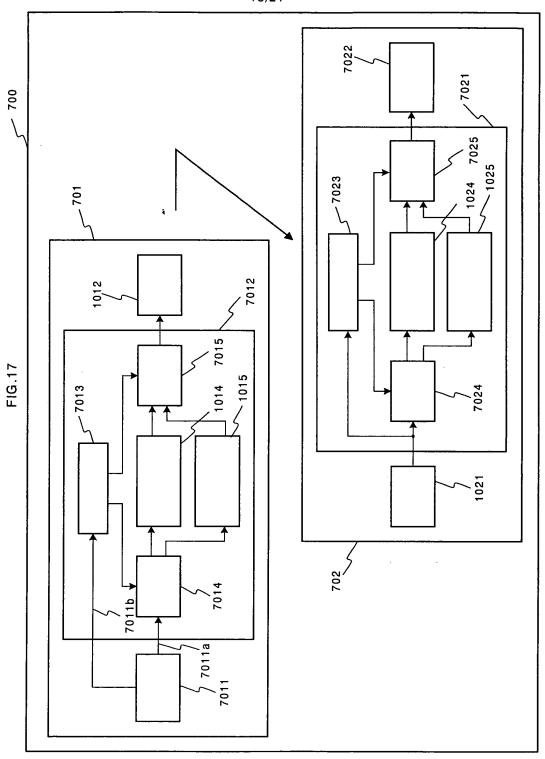


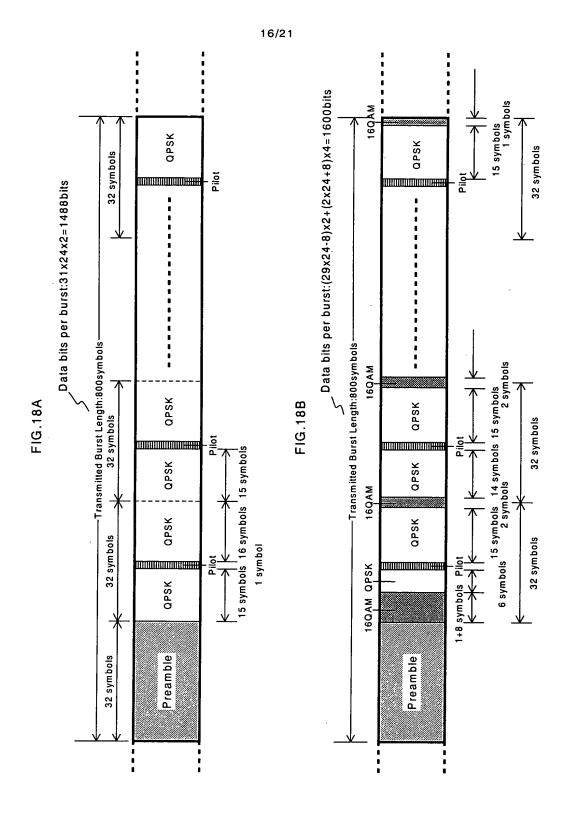
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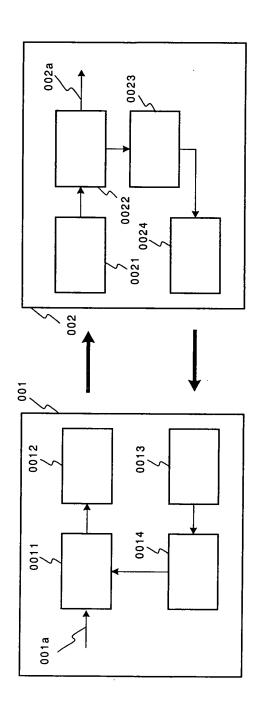












:IG.19

List of Reference Marks in Drawings

100, 200, 300, 400, 600, 700: communication system

101, 201, 701, 6001: transmission device

102, 202, 702, 6002: reception device

301, 302, 401, 402: communication device

601, 1013, 2013, 3016, 7014, 40121: data stream divider

602, 1015, 2015, 3018, 40123: modulation method B quadrature vector

mapping section

603, 1025, 2025, 3028, 40223: modulation method B symbol detector

604, 1026, 2026, 3029, 7025: data stream multiplexer

605: reception quality estimator

911: recursive-structure convolution coding section A

912: interleaver

913 recursive-structure convolution coding section B

914: output selector

1011, 3011, 4012, 6011, 7012: burst generator

1012, 3012, 4011: transmission processor

1014, 2014, 3017, 40122: modulation method A signal quadrature vector

mapping section

1016, 3019, 7015, 40124: multiplexer

1021, 3021, 4021: reception processor

1022: reception data stream generator

1023, 3026, 7024, 40221: divider

 $1024,\,2024,\,3027,\,40222;\quad modulation\ method\ A\ symbol\ detector$

2011 sub-carrier generator

2012 OFDM transmission processor

2016 sub-carrier multiplexer

2021 OFDM reception processor

2022 OFDM demodulator

2023 sub-carrier divider

3013	in-burst communication quality information obtainer
3014	symbol-having a higher modulation level -insertion place determiner
3015	symbol-having a higher modulation level-insertion place notifying
section.	
3022,	4022, 6022, 7021: reception data stream generator
3023	in-burst communication quality measuring section
3024	in-burst communication quality information notifying section
3025	symbol-having a higher modulation level-insertion place information
obtainer	
4013	error correction coding section
4014, 4023: memory	
4015	ACK receiver
4016	re-transmission controller
4017	error detection coding section
4024	error corrector
4025	error detector
4026	ARQ error corrector
4027	ACK transmitter
7011	transmission packet generator
7013 3	7023: controller

7022 reception packet generator